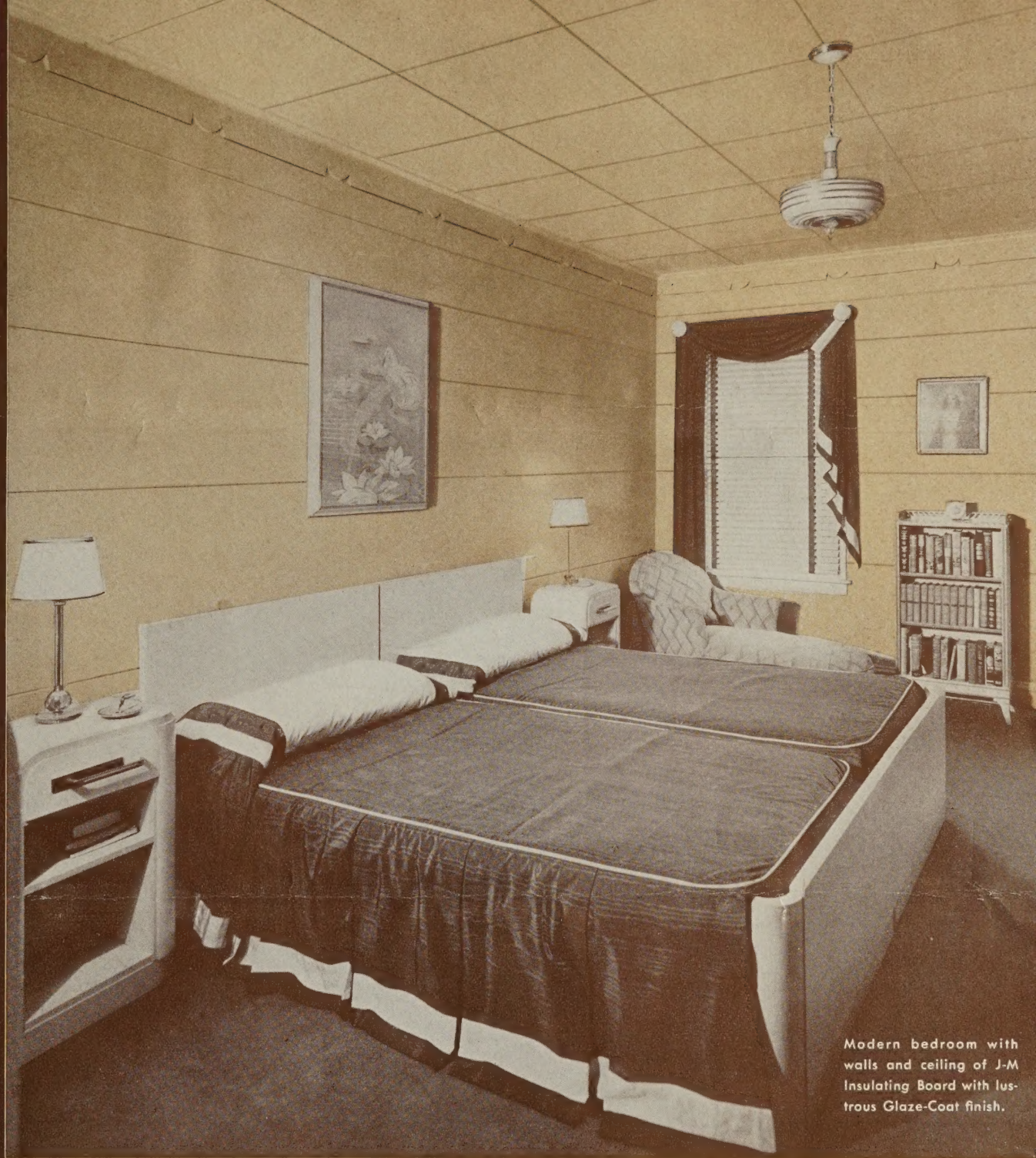


STRONG, RIGID, ATTRACTIVE WOOD FIBRE SHEETS WITH A HARD,  
SMOOTH COATING • PRE-DESIGNED UNITS • ECONOMICALLY INSTALLED



Modern bedroom with  
walls and ceiling of J-M  
Insulating Board with lus-  
trous Glaze-Coat finish.

# JOHNS-MANVILLE INSULATING BOARD

FOR HOMES, BUSINESS ESTABLISHMENTS AND PUBLIC BUILDINGS





# Johns-Manville Insulating Board

*featuring* **GLAZE-COAT** **THE REVOLUTIONARY NEW FINISH FOR WALLS AND CEILINGS**

● Johns-Manville Insulating Board products are so versatile, so readily adaptable to decorative requirements, and so economical to apply that you will find they simplify the construction and modernization of all types of interiors. These all-wood fibre boards are made of selected fibres,

compressed into strong, rigid sheets. Beautifully finished and structurally strong, they provide permanent wall and ceiling surfaces that eliminate future worries and expensive repair bills. Because of their light weight and ease of handling they are simple and inexpensive to use. In re-





modeling work, for example, they can be applied right over old walls or ceilings in less time than it would take to re-plaster, and at a fraction of the cost. They are also ideal for the construction of extra rooms in attics or basements at

low cost. The many finishes and styles are described in this brochure. They harmonize so well with their surroundings that no further finishing is required, although the surface may be painted, stained or otherwise decorated, if desired.

## NEW GLAZE-COAT TREATMENT PROVIDES SMOOTH, HARD FINISH

The most recent innovation in the J-M line is the Glaze-Coat finish, obtained by an exclusive process developed by Johns-Manville. This treatment provides a factory-applied finish in a pleasing sand color. During manufacture this finish is actually "ironed" so that it takes on a lustrous, light-reflecting sheen. The surface becomes harder and smoother—more resistant to dirt and finger marks. The delicate fabric impression over the surface adds charm and interest to the finished room, while the color is ex-

ceptionally attractive. To emphasize the beauty of the surface, all bevels and grooves are left in the natural color of the board itself.

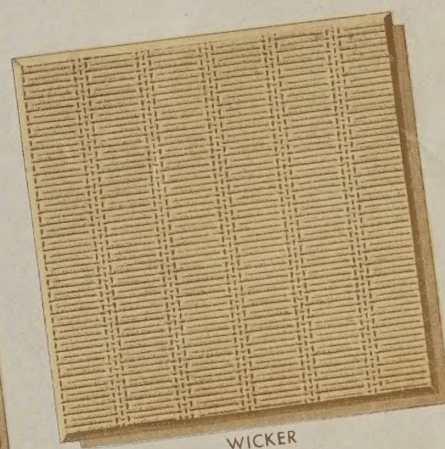
The Glaze-Coat finish is available (1) on the large sheets of Insulating Board, (2) on the Bevel Panels which range in size from 12" x 12" to 24" x 48", (3) on the Multiple Bevel Panels, and (4) on the random width Bevel Plank. A complete list of styles and sizes for all J-M Insulating Board products is given on the last page.

## GLAZE-COAT and *Hot-pressed* FINISHES in BEVEL PANEL STYLE

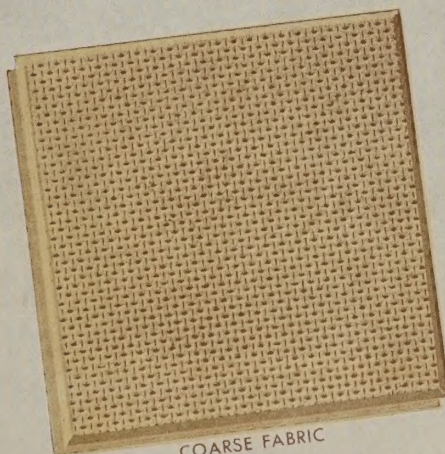
For use where a small over-all pattern is desired, Johns-Manville has developed the Coarse Fabric, Medium Fabric and Wicker designs illustrated here. Actually hot-pressed into the material, these designs are unusually interesting under all lighting conditions, supplying a pleasing contrast to the smooth surface of the Glaze-Coat finish. These three hot-pressed finishes are available in the Bevel Panel style only. Bevel Panels are made of  $\frac{1}{2}$ " Insulating Board in various sizes, with edges shiplapped and beveled as shown. Although chiefly used for ceilings, any of these patterns is equally suitable for wall finishing.



GLAZE-COAT



WICKER



COARSE FABRIC



MEDIUM FABRIC



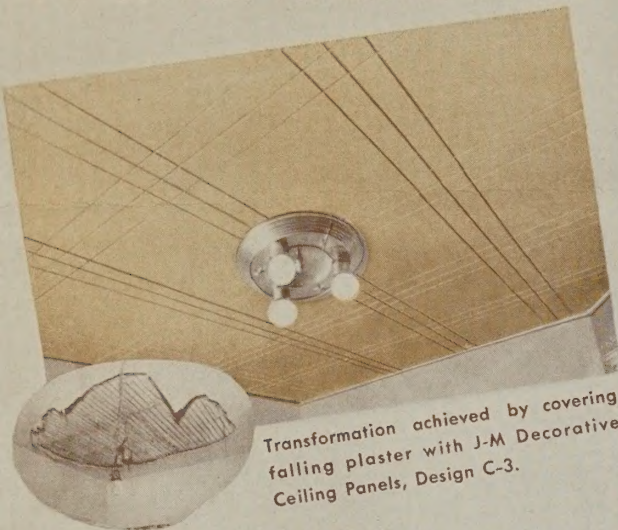
# READY-MADE CEILING DESIGNS

*at low cost—*

with

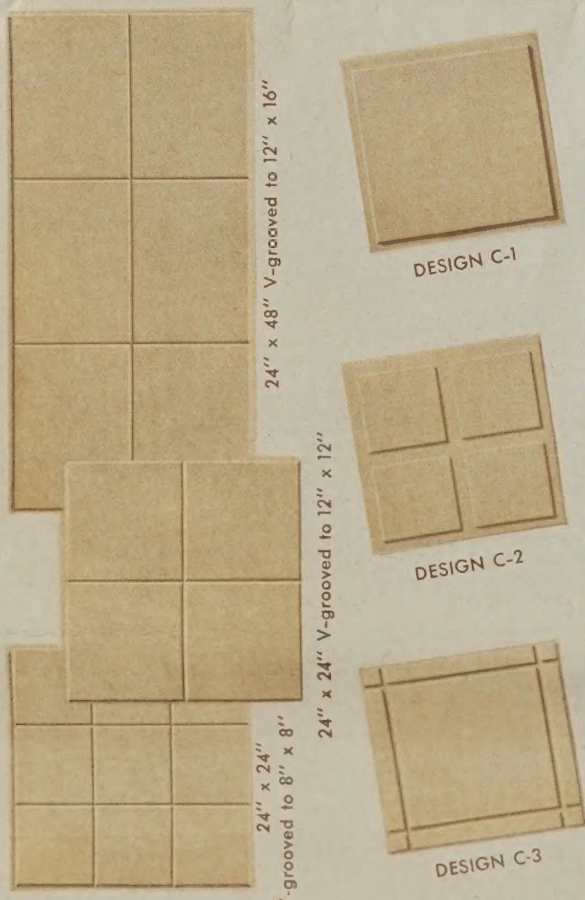
**J-M MULTIPLE BEVEL PANELS**

**J-M DECORATIVE CEILING PANELS**



Transformation achieved by covering falling plaster with J-M Decorative Ceiling Panels, Design C-3.

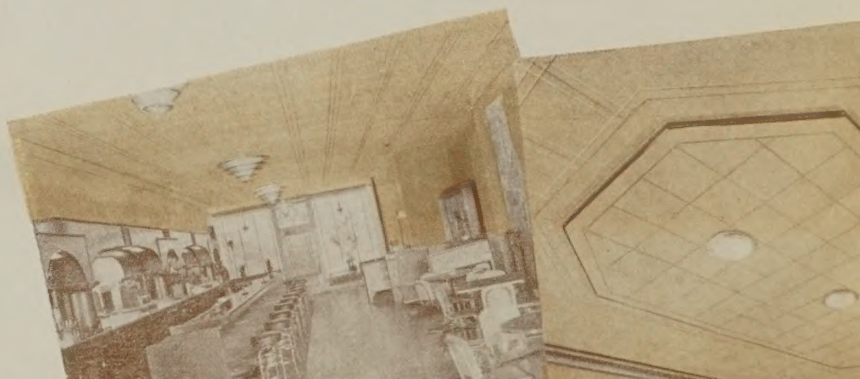
● These two J-M Insulating Board products make the re-decoration of old, unsightly ceilings practical and inexpensive. They can be applied on furring strips right over old plaster or metal ceilings at a fraction of the cost of replacement. In either new or old work, they do not require plaster, paint or kalsomine. The pictures below show the Multiple Bevel Panels at the left, and the Decorative Ceiling Panels at the right—the former composed of large sheets scored to look like smaller units; the latter in 16" x 16" squares with additional decorative grooving. See page 7 for application details.



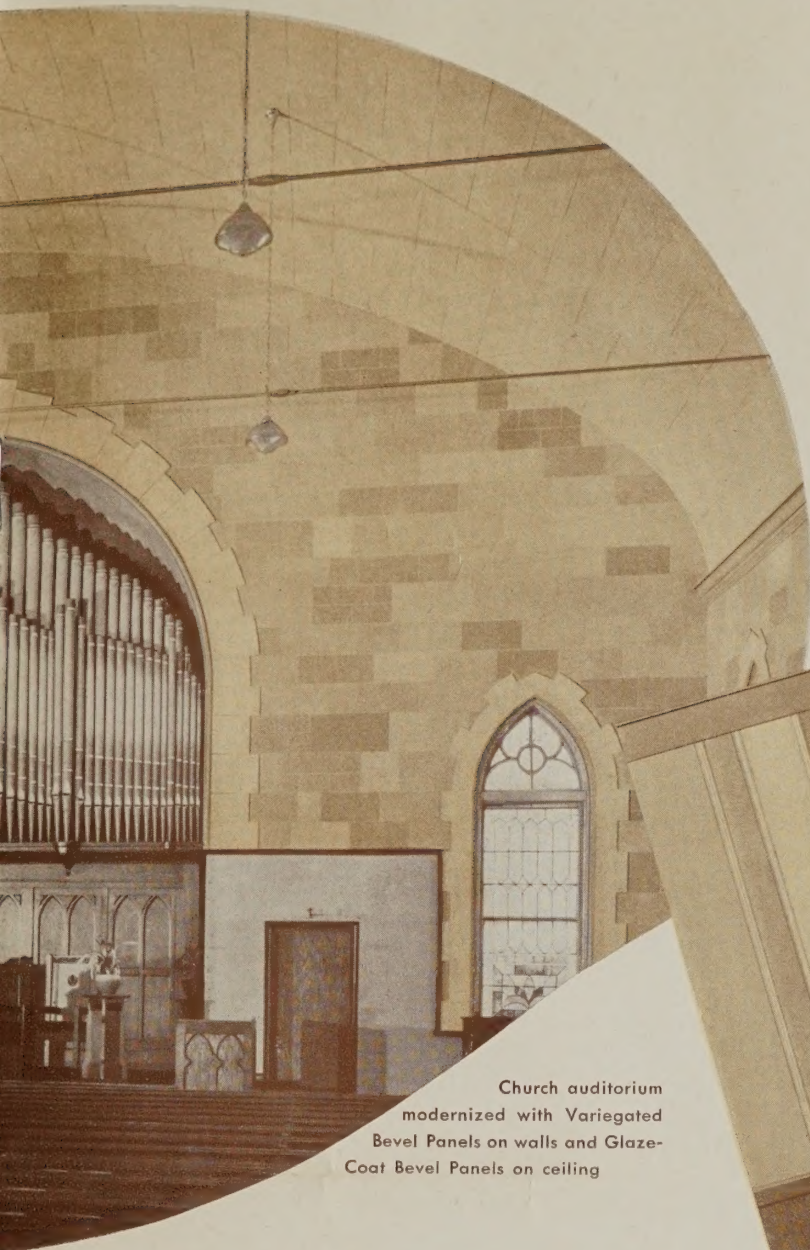
## *Presenting* **J-M INSULATING BOARD** **BEVEL PLANK in**

● Another development of great interest to those who desire distinctive wall and ceiling treatments is the series of four harmonious surface colors which comprise the Variegated blend. Ranging from brown to light tan, in artistic shades, they produce a blended effect of unusual distinctiveness and charm.

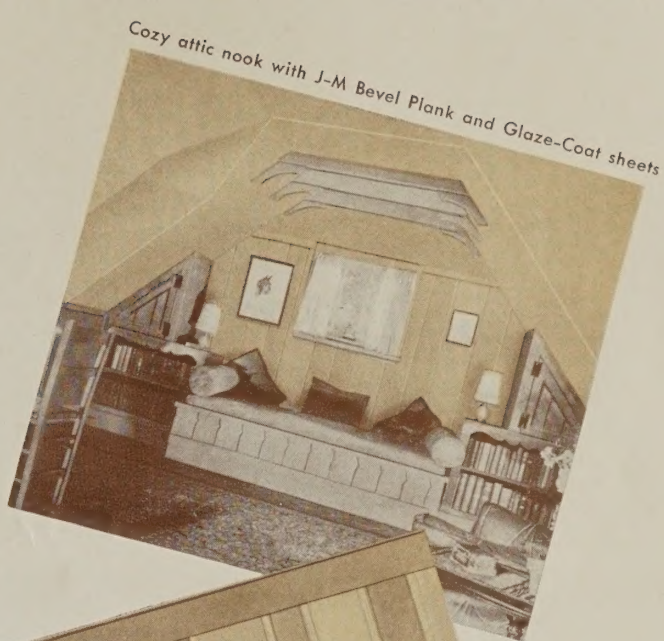
As the illustrations show, these colors are available in the popular random width Bevel Plank style and in Bevel Panels, with suitable



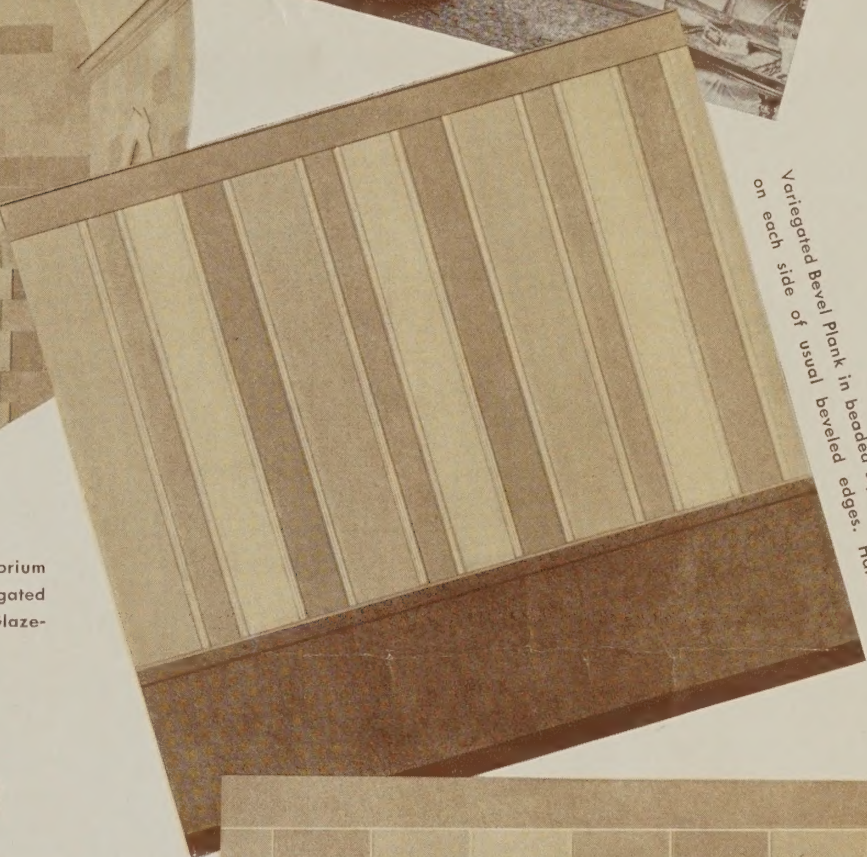




Church auditorium modernized with Variegated Bevel Panels on walls and Glaze-Coat Bevel Panels on ceiling



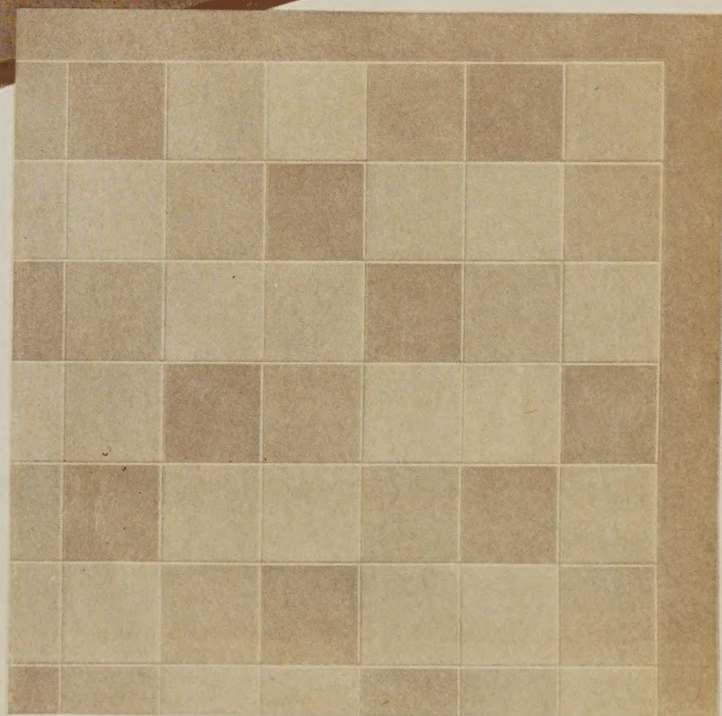
Cozy attic nook with J-M Bevel Plank and Glaze-Coat sheets



Variegated Bevel plank in beaded style, with narrow grooves on each side of usual beveled edges. Hard board dado

## HARD BEVEL PANELS and VARIEGATED FINISH

ers. Especially with the Bevel Panels is it possible to create individual effects. In the interior view of the church, for instance, the variety of sizes and the skillful arrangement of the colored units impart the effect of vari-colored stonework, an effect which is desirable for impressive interiors, corridors, display rooms, offices and similar locations. Bevel Panels also offer an interesting solution to the problem of obtaining distinctive ceiling finishes.



Typical ceiling design of square Bevel Panels in Variegated style, with harmonizing border





THE MOST ECONOMICAL INTERIOR TREATMENT . . .



## J-M INSULATING BOARD IN *Standard* SHEETS

Standard sheets of J-M Insulating Board offer one of the most economical forms of interior finish available. Because they yield readily to cutting with beveling tools they can be decorated right on the job. Joints may be covered with batten strips, or beveled by the contractor. Furnished in the natural light fabric texture and in Glaze-Coat, these versatile sheets are adaptable to countless uses in the construction, modernization and decoration of all types of interiors. They can be painted or stained where special effects are desired. Walls without vertical joints can be obtained by applying the sheets horizontally and covering horizontal joints with mouldings (see illustration).



SHEATHE YOUR NEW HOME WITH

## J-M WEATHERTITE SHEATHING

Stronger—Costs Less to Apply—Insulates

In place of wood sheathing for a new home, Johns-Manville recommends the use of J-M Weathertite Sheathing, an Insulating Board product, 25/32" in thickness, to conform to millwork standards, and made in 4' widths, in lengths up to 12 feet. Among its many advantages are its remarkable resistance to distortion, its high insulating value, and resistance to both moisture and wind penetration.

Actual tests show that Weathertite Sheathing is far more resistant to distortion than diagonally applied wood sheathing. A coating of high grade black asphalt on both sides and all edges affords greater resistance to moisture, while the method of application leaves no cracks for the penetration of air and dust. Construction costs are also lowered by reduced labor and less waste of material.



## J-M INSULATING LATH

SAVES PLASTER . . . MINIMIZES CRACKING  
. . . PREVENTS LATH MARKS

The need for a more efficient plaster base than the commonly used wood lath has been met by J-M Insulating Lath, with a "gridded" surface to which plaster bonds with a strength far greater than the "key" on wood lath. Cracking is thus minimized. Furthermore, since the plaster is applied against a solid, unbroken surface, unsightly lath marks are eliminated and there is also a desirable saving in plaster and labor. A "plus" advantage is its high insulating value, which is gained at no additional expense. The wire reinforce-



ments shown in the corner and around the doorway in the illustration above, are J-M Corner and Joint Reinforcing, designed to minimize cracking hazards at these points.



# APPLICATION INSTRUCTIONS

**For Additional Information See Your J-M Dealer**

## INTERIOR FINISHES

### J-M Bevel Panels, Multiple Bevel Panels and Decorative Ceiling Panels

**FRAMING:** While Johns-Manville Decorative Insulating Board products may be applied over wood framing or continuous surfaces such as plaster, wood boarding, or other nailable surfaces, on either new or existing construction, wood furring is recommended. Furring shall be accurately spaced to center on the joints between the panel units, on 12" centers for 12" and 24" units, and not to exceed 16" center to center for others. Such members are required running in one direction only. Additional members shall be placed as required to receive border strips, mouldings, etc.

**APPLICATION:** The work shall be carefully planned in advance of the actual application to provide the desired design which will preferably be symmetrical with an even width of border (where same is desired or necessary) at opposite ends of the space.

The units shall be installed with the joints which parallel the direction of the framing members or furring centered thereon. They shall be brought to moderate contact and never forced into place.

**NAILING:** Each unit shall be secured at each framing member or furring strip with 4D finishing nails driven flush  $\frac{1}{2}$ " from each edge, one in each corner and others intermediately spaced at not to exceed 8" centers.

### J-M Bevel Plank

**FRAMING:** Furring for Bevel Plank shall be provided horizontally, over framing members, spaced at not to exceed 9" centers with certain such members placed accurately to receive base and cap moulding, etc.

**APPLICATION:** The units shall be installed with the joints formed in moderate contact. They shall never be forced into place.

**NAILING:** Each unit shall be secured at each furring strip with 4D finishing nails. Nails may be driven in bevel at an angle. When applied over solid wood surfaces, nails shall be spaced at not more than 9" centers on both edges. Cap Moulding should be nailed on 6" centers.

### J-M Insulating Board in Standard Sheets

**FRAMING:** Framing members and furring shall be accurately spaced at not to exceed 16" centers. The furring strips on masonry walls shall be accurately shimmed and substantially secured to the masonry, or a stud partition shall be erected against the masonry wall. Additional framing members or furring shall be provided so that joints between the Insulating Board may be centered thereover and members placed at chair rail height or elsewhere to receive heavy mouldings.

**APPLICATION:** The boards shall be installed with all joints centered over a framing member or furring. If the joints between the boards are to be

covered, they shall be formed open approximately  $\frac{1}{8}$ ". If otherwise, the boards shall be brought to moderate contact. The boards shall never be forced into place.

**NAILING:** The boards shall be secured first at intermediate framing members with nails spaced at 6" centers, then at edges with nails spaced  $\frac{3}{8}$ " therefrom at 3" centers. Nails should penetrate framing members or furring at least 1". If to be covered with battens or moulds, a nail with a large head, such as a galvanized shingle or box nail, should be used. If otherwise, a nail with a small head, such as 4D finishing nail should be used.

## PAINTING AND DECORATING

J-M Insulating Board products, although most frequently left in their natural state may, if preferred, be decorated with paint or stain of either the oil, varnish or water types. The Glaze-Coat finish requires no priming. The natural finish board should first be sealed with a suitable primer. An over-all treatment may be employed or stenciled designs may be used. The decorative treatment may be applied, retaining the natural finish of the board, or relatively smooth or roughly-textured paint finishes may be provided. We recommend that the specifications of the paint manufacturer be followed in the application of these materials. The use of wall paper or plastic paint over J-M Insulating Board products is not recommended where such treatment is intended to include the concealment of the joints between the board units.

## CLEANING

Glaze-Coat finish may be cleaned with a dry rubber sponge to remove finger marks, or with very fine steel wool for bad stains. Oil and grease spots may be removed with solvents such as high test gasoline or carbon tetrachloride. Avoid going through the finish and exposing the fibre of the board.

Natural finish may be cleaned with a small clean block of the same material, or with fine sandpaper or garnet paper. Grease or oil stains may be removed as outlined above.

## WEATHERTITE SHEATHING

### 25/32" J-M Insulating Board

#### [ Asphalt Coated ]

(4' wide x 8', 9', 10' and 12' long)

**FRAMING:** Studs and rafters shall be accurately spaced at 16" centers. Headers, not less than 2" x 4", shall be provided to center behind all end joints of the Insulating Board.

**APPLICATION:** The board shall be installed in the largest stock pieces applicable under job conditions so that there will be the minimum number of joints. The boards shall be installed with their edges parallel to studs or rafters, and all joints shall be centered over a framing member and formed open approximately  $\frac{1}{8}$ " wide. No boards shall be forced into place, but they shall be fitted closely to all openings and to all intersecting surfaces. Moistening the board prior to application is not required.

**NAILING:** The boards shall be secured at each framing member with galvanized nails having  $\frac{3}{8}$ " heads and of a length sufficient to penetrate the framing members not less than 1". The nailing shall be placed first in the intermediate framing members at 6" centers and then  $\frac{3}{8}$ " from all edges at 3" centers.

**NOTE:** In applying siding, furring, wood sheathing, metal lath or wall ties, etc. over the Insulating Board, all nailing shall be done to enter the studs or rafters not less than 1". All end joints in siding, furring, wood sheathing, etc. shall be formed over a stud. Masonry veneer shall be applied over ties, leaving a space not less than 1" wide between the veneer and the Insulating Board. Where stucco is to be used over the Board, metal lath applied over 1" x 2" furring strips, or self-furring lath shall be used.

## BEVELING AND GROOVING

Bevels and grooves, straight or curved, may be readily cut on the job, and interesting and effective designs thereby produced through the use of a special tool, the operation of which has been proved simple and entirely satisfactory. Such a tool is made by several manufacturers, among them the Stanley Works, of New Britain, Conn. who make the Stanley Fibre Board Cutter No. 193-A, and the Kimball Mfg. Co. of Royal Oak, Mich., who make the Bevel Devil.

## PLASTER BASE

### J-M Insulating Lath

**FRAMING:** Studs, joists, rafters or furring shall be spaced accurately at 16" centers.

**APPLICATION:** The lath shall be applied with the coarse textured side exposed, with the long dimension at right angles to the framing members and with all end joints broken and centered over a framing member. The shiplapped joints along the long dimension shall be formed closed and the end joints shall be formed open approximately  $\frac{1}{4}$ " wide. The lath shall be fitted closely to all openings and to all intersecting surfaces, but none shall be forced tightly into place. Moistening of the lath prior to application is not required.

**NAILING:** The lath shall be secured at each framing member with 4D box or blued nails of a length 1" greater than the thickness of the lath being applied. The nailing shall be placed first in the intermediate framing members and then  $\frac{3}{8}$ " from ends at not more than  $4\frac{1}{2}$ " centers. The end nails at each framing member shall be placed not more than  $\frac{1}{2}$ " from the shiplapped edge. The lath shall be similarly nailed at sills, headers and plates,  $\frac{3}{8}$ " from edges at not more than  $4\frac{1}{2}$ " centers.

**CORNERS:** At all interior and exterior corners, and around openings, J-M Corner or Joint Reinforcing shall be installed over the lath, secured to the framing members. At all exterior corners, metal corner bead shall be installed over the reinforcing and secured to framing members.



# Standard Dimensions and Finishes of J-M Insulating Board Products

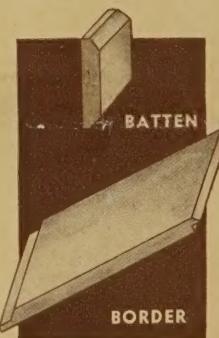
PRODUCT	SURFACE	SIZES	THICKNESSES	EDGES
<b>Bevel Panels</b>	Glaze-Coat Variegated Medium Fabric Coarse Fabric	12"x 12", 12"x 24", 16"x 16", 24"x 24", 16"x 32", and 24"x 48"	1/2"	All edges beveled and shiplapped
	Wicker	12"x 12", 16"x 16" and 24"x 24"	1/2"	
<b>Multiple Bevel Panels</b>	Glaze-Coat	24"x 48" V-grooved to form 8"x 8" 24"x 48" V-grooved to form 12"x 12" 24"x 48" V-grooved to form 12"x 16" 24"x 24" V-grooved to form 8"x 8" 24"x 24" V-grooved to form 12"x 12" 16"x 32" V-grooved to form 16"x 16"	1/2"	All edges beveled and shiplapped
<b>Decorative Ceiling Panels</b> (Designs C-1, C-2 and C-3)	Glaze-Coat	16"x 16"	1/2"	C-1 and C-2 beveled— no shiplap. C-3 bev- eled and shiplapped
<b>Bevel Plank</b> Plain and Beaded	Glaze-Coat and Variegated	Random widths: 6", 8", 10", 12" (16" furnished on special order) Lengths: 8', 10', 12'	1/2"	Diagonal bevel joints on long edges
<b>Insulating Board Sheets</b>	Glaze-Coat Natural Sanded	4' wide by 4', 5', 6', 7', 8', 9', 10' and 12' long. 8' wide on special order.	Glaze-Coat—1/2" Natural—1/2" Sanded—1"	Square
<b>Insulating Board Sheathing</b>	Asphalt Coated	4' wide by 8', 9', 10' and 12'	25/32" only	Square
<b>Insulating Lath</b>	Waffle-face	18" x 48"	1/2" and 1" (The 1" thickness is composed of 1/2" sheets stapled together)	All edges beveled; long edges shiplapped



**J-M CAP MOULDING**—Insulating Board Moulding for use with Bevel Plank. Furnished in strips 2 1/2" wide by 8' long by 1/2" thick, in Sanded and Glaze-Coat finish.

**J-M BATTEN STRIPS**—For use with Insulating Board sheets to conceal the joints or to form superimposed designs. Furnished with edges beveled, 2 1/2" wide and 8', 10' and 12' long in 1/2" thickness and Glaze-Coat finish only.

**J-M BORDER STRIPS**—A specially designed border unit of Insulating Board for finishing ceiling designs. Furnished with long edges beveled and shiplapped, as shown, in units 12" wide by 8' long, in 1/2" thickness Glaze-Coat and Sanded finish, as well as brown color for use with units in the Variegated blend.



EDGAR M. ANDERSON  
82 COBANE TERR.  
WEST ORANGE N.J.